

[illegible]

A high-contrast, black and white micrograph showing a woven fabric structure. The image displays a repeating pattern of dark, elongated, diamond-shaped or oval voids (pores) separated by a lighter, textured material (the fabric fibers). The fibers appear to be woven in a regular, interlaced manner. Several labels with leader lines point to specific features: '12' is a bracket on the right side indicating the overall structure; '14' points to a vertical fiber; '16' points to a horizontal fiber; '18' points to a fiber intersection; '20' is a horizontal double-headed arrow at the bottom indicating the width of a unit cell; '22' is a vertical double-headed arrow on the right indicating the height of a unit cell; and '24' points to a small, dark, circular feature on a fiber.

FIG. 1

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FIG. 2B

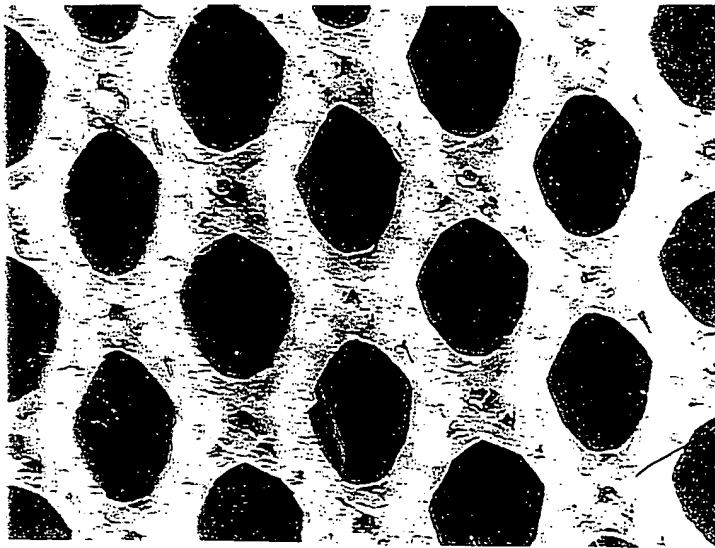


FIG. 2A

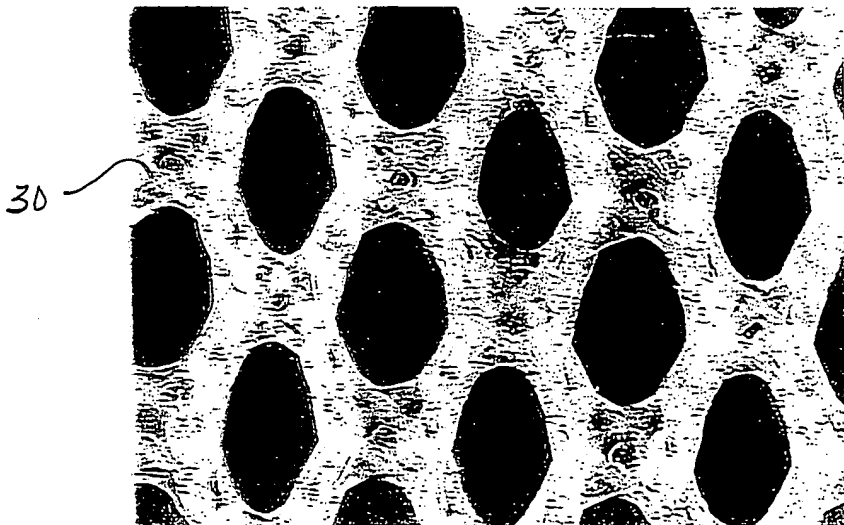
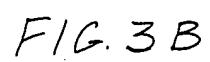
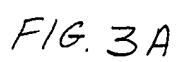


FIG. 2B

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FIG. 4

Provide a mesh material and a silicone dispersion 40

Fill container with the silicone dispersion for immersion of the mesh material 50

Place mesh material into the silicone dispersion mix 60

Remove excess Silicone Dispersion from mesh material 70

Clear silicone coating within holes of the mesh material 80

Rest coated mesh material air-sprayed side up 90

Repeat above procedures in 50 - 90; air-spray second side of mesh material 100

Repeat the entire procedures outlined in steps 50 - 100 until both sides of the mesh material have 2 coats or more of dispersion. Air-spray alternate sides of the mesh material 120

Heat set silicone dispersion 140

Cool silicone coated mesh material 160

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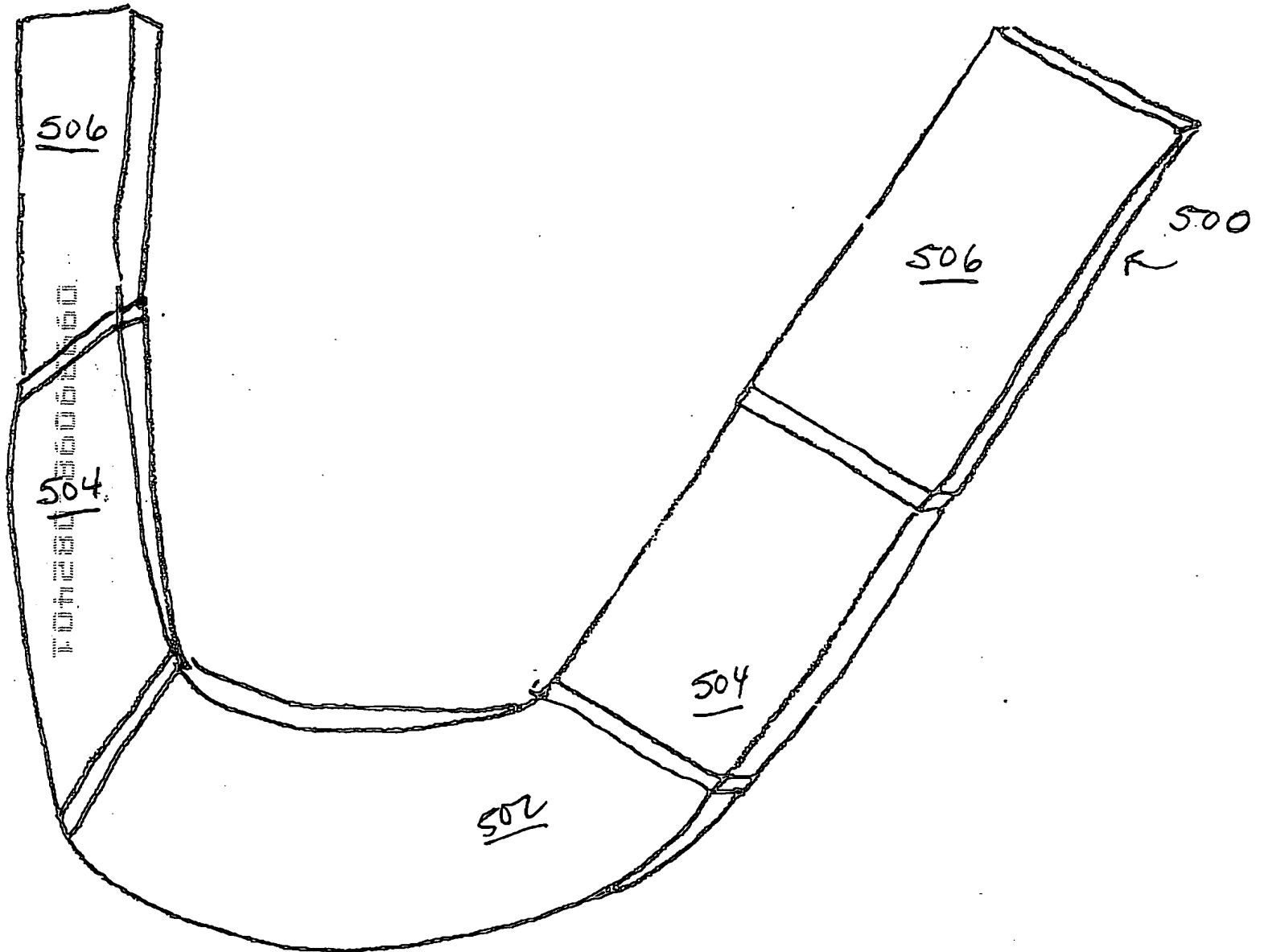


FIG 5

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Fig. 6A

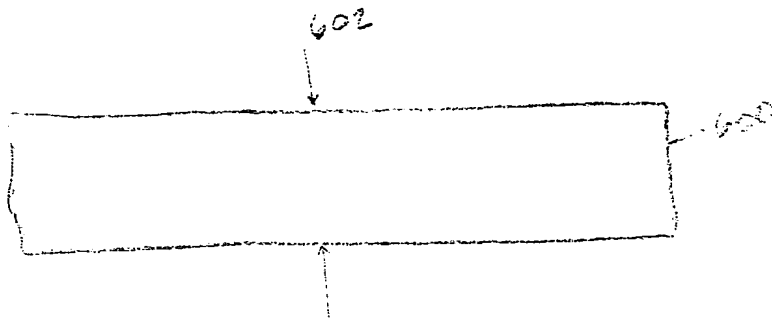


FIG. 6B

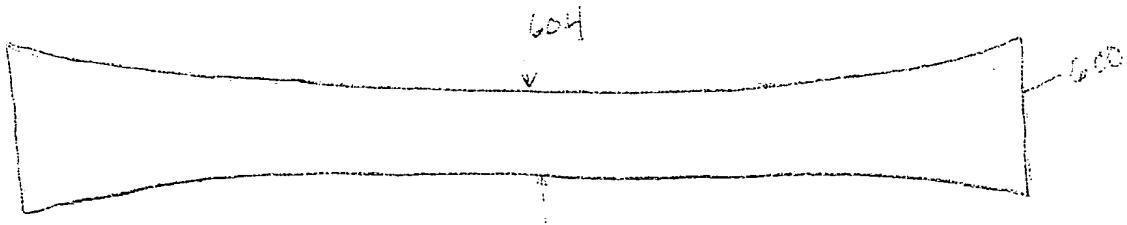


Fig. 7A

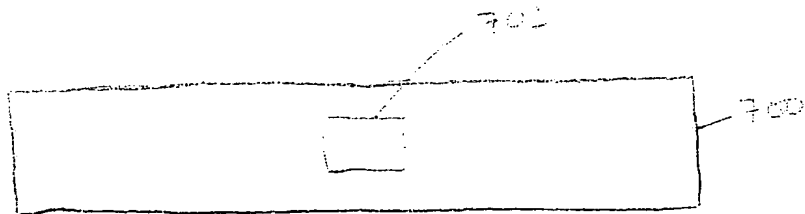
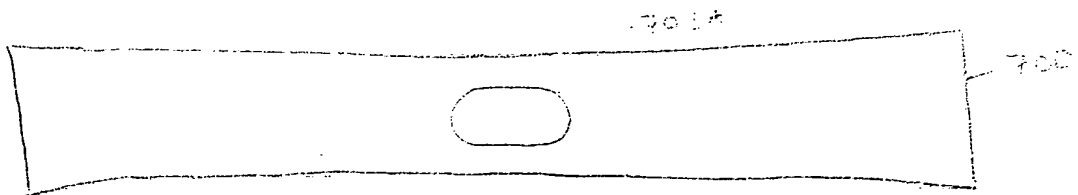


Fig. 7B



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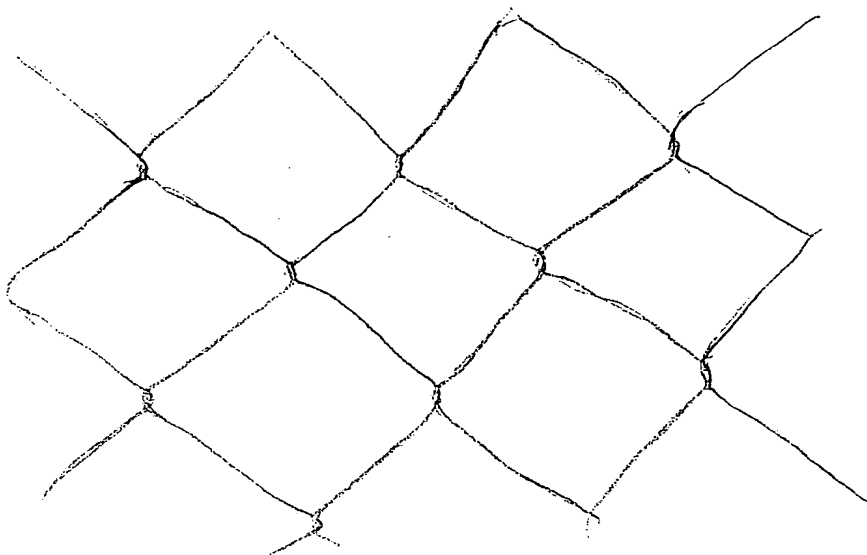


Fig 8A

FIG. 8A - 8000000000

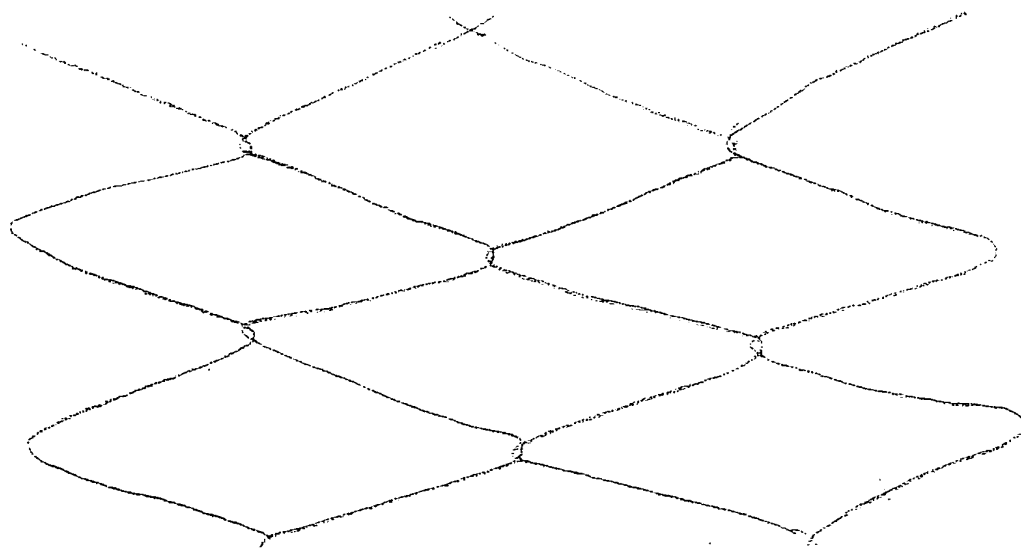


Fig. 8B